

Claims

1. A hot water on demand system comprising a hot water heater connected to a supply of water.

A first hot water line connected to the hot water heater and one or more plumbing fixtures for circulating hot water from the hot water heater to the plumbing fixtures.

A second line connected to the first hot water line adjacent each of the fixtures and to an inlet of the hot water heater and pump means for circulating hot water from adjacent the fixtures through the second line to the heater.

2. A hot water on demand system as claimed in claim 1 having a one way check valve on the inlet of the hot water heater between the second line water supply.